

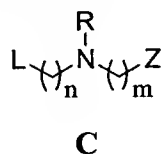
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-25. (Canceled)

26. (Currently Amended) A compound represented by C:



wherein

R is H, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, thioalkyl, alkenyl, alkynyl, aryl, heteroaryl, aralkyl, heteroaralkyl, acyl, aminoacyl, hydroxyacyl, thioacyl, -CO₂H, -(CH₂)₄-R₈₀, or an amino acid radical;

R₈₀ is independently for each occurrence carboxaldehyde, carboxylate, carboxamido, alkoxycarbonyl, aryloxy carbonyl, ammonium, aryl, heteroaryl, cycloalkyl, cycloalkenyl, heterocyclyl, polycyclyl, amino acid, peptide, saccharide, ribonucleic acid, or (deoxy)ribonucleic acid, ~~or a ligand for a G-protein-coupled receptor;~~

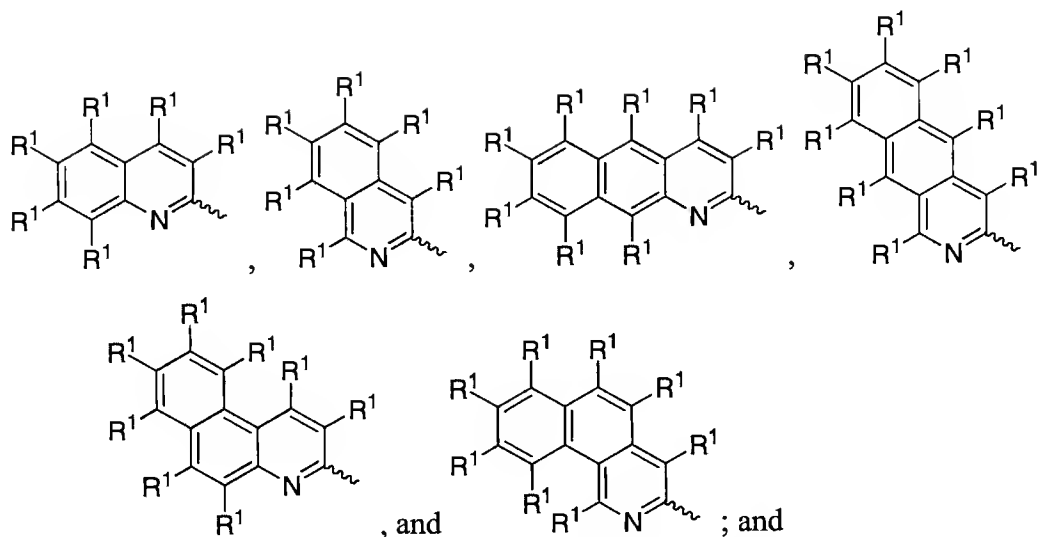
d is an integer in the range 0 to 12 inclusive;

m is an integer in the range 0 to 6 inclusive;

n is an integer in the range 0 to 6 inclusive;

Z is thioalkyl, carboxylate, 2-(carboxy)aryl, 2-(carboxy)heteroaryl, 2-(hydroxy)aryl, 2-(hydroxy)heteroaryl, 2-(thiol)aryl, or 2-(thiol)heteroaryl; and

L is selected from the group consisting of



each instance of R¹ is selected independently from the group consisting of H, halogen, alkyl, alkenyl, alkynyl, hydroxyl, alkoxy, acyl, acyloxy, acylamino, silyloxy, amino, nitro, sulfhydryl, alkylthio, imino, amido, phosphoryl, phosphonate, phosphine, carbonyl, carboxyl, carboxamide, anhydride, silyl, thioalkyl, alkylsulfonyl, arylsulfonyl, selenoalkyl, ketone, aldehyde, ester, heteroalkyl, cyano, guanidine, amidine, acetal, ketal, amine oxide, aryl, heteroaryl, aralkyl, heteroaralkyl, azido, aziridine, carbamoyl, epoxide, hydroxamic acid, imide, oxime, sulfonamide, thioamide, thiocarbamate, urea, thiourea, and -(CH₂)_d-R₈₀.

27. (Original) The compound of claim 26, wherein said compound is complexed with a radionuclide.

28. (Original) The compound of claim 26, wherein said compound is complexed with a radionuclide, wherein said radionuclide is technetium or rhenium.

29-80. (Canceled)

81. (Currently Amended) A formulation, comprising a compound according to claim 26~~any of claims 26, 52, 56, 63, 71,~~ and a pharmaceutically acceptable excipient.

82. (Withdrawn-Currently Amended) A method of imaging a region in a patient, comprising the steps of: administering to a patient a diagnostically effective amount of a compound of

claim 27[[,]] or ~~28, 53, 54, 61, 62, 69, 70, 79 or 80~~; and obtaining an image of said region of said patient.

83. (Withdrawn) The method of claim 82, wherein said region of said patient is the head or thorax.

84. (Canceled)